AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-20. (Canceled)

21. (New) A method for managing and transmitting events from a server via a communication link to at least one client where possible events are logged in a client event service for the purpose of initializing and/or updating the client, possible events are logged in a server event service for the purpose of initializing and/or updating the server, detected events which have been logged are transferred from an installation interface to the server event service, requests initiated by the client event service regarding the detected events are made to the server event service, on the basis of a request which has been made to the server event service the detected events are transmitted to the client event service and events received by the client event service are transmitted to a client application, wherein the client application logs a client callback function in the client event service for every event about which it is to be notified, and the client event service uses the communication link to log a corresponding server callback function in the server event service, wherein to log the callback functions for an event with which the same event name is associated with the client and with the server in preparation for the method, the following steps are performed:

the client application calls a client logging function from the client event service and provides said function with the name of the event in question and with a

pointer to the client callback function which is to be logged,

the client logging function generates a unique event identifier and transmits the event identifier and the event name via the communication link to a server logging function of the server event service,

the server logging function logs a server callback function with the installation interface by transferring the event name,

the server logging function stores a data record, which contains at least the event identifier and a pointer to the server callback function which is to be logged, in a server event table,

the server logging function reports the performance of the logging operation to the client logging function of the client event service via the communication link, and the client logging function logs the client callback function by storing a data record in a client event table, the data record containing at least the event identifier and a pointer to the client callback function which is to be logged.

22. (New) The method as claimed in claim 21, wherein the events to be transmitted are detected by a data capture unit in a technical installation and are reported to the installation interface of the server.

23. (New) The method as claimed in claim 21, wherein the client application logs a client callback function in the client event service for every event about which it is to be notified, and the client event service uses the communication link to log a corresponding server callback function in the server event service.

24. (New) The method as claimed in claim 21, wherein after a client callback function has been logged for the first time the client logging function starts a request generator which then makes requests for event transmission to the server event service.

25. (New) The method as claimed in claim 24, wherein the request generator of the client event service makes the requests for event transmission to the server event service cyclically.

26. (New) The method as claimed in claim 24, wherein events are transmitted by performing the following steps: the installation interface detects an event which has occurred and calls the server callback function logged for this event, the server callback function produces an entry describing the event in at least one event queue, upon the next request from the client event service for event transmission the server event service reads the entry produced from the event queue and transmits it via the communication link to the client event service the client event service, takes the entry received and ascertains and calls the client callback function logged for this event, and the client callback function executes a defined action for the corresponding event in the client application.

27. (New) A system for managing and transmitting events from a server via a communication link to at least one client, where for the purpose of logging possible events the client has at least one client event service which uses a communication link to make requests for event transmission to a server event service which has at least one server logging function for logging server callback functions, at least one

server event table for holding data records which describe a respective logging

operation, which server event table is in the form of a hash table and holds data

records which contain at least one event identifier and a pointer to a server callback

function which is to be logged, and at least one event queue for holding entries

which describe a respective event, and to transmit received events to a client

application, for the purpose of logging possible events the server has at least one

server event service which uses a communication link to transmit events to a client

event service, the server has at least one installation interface which transfers events

which have occurred to the at least one server event service.

28. (New) The method as claimed in claim 27, wherein optionally a tidying function

of the server event service is called which deletes the server event table and the

event queue if the client event service is no longer communicating with the server

event service.

29. (New) The system as claimed in claim 27, wherein the installation interface is

connected to a data capture unit of a technical installation in order to read in events

detected by the data capture unit.

30. (New) The system as claimed in claim 27, wherein the server event service has

at least one server callback function which can be logged for at least one event and

which is called when an event for which it is logged occurs.

31. (New) The system as claimed in claim 27, wherein the server event service has,

for every client event service with which it communicates via a communication link, a

separate client data record which respectively contains at least one server event

table and at least one event queue.

32. (New) The system as claimed in claim 31, wherein the server event service has

a tidying function which deletes the client data record if the associated client event

service is no longer communicating with the server event service.

33. (New) The system as claimed in claim 31, wherein the server event table is in

the form of a hash table and holds data records which contain at least one event

identifier and a pointer to a server callback function which is to be logged.

34. (New) The system as claimed in claim 27, wherein that the client event service

has at least one client logging function for logging client callback functions, at least

one client event table for holding data records which describe the log, and at least

one request generator for making cyclic requests for event transmission.

35. (New) The system as claimed in claim 34, wherein the client event table is in

the form of a hash table and holds data records which contain at least one event

identifier and a pointer to a client callback function which is to be logged.

36. (New) The method as claimed in claim 21, wherein events are transmitted by

performing the following steps: the installation interface detects an event which has

occurred and calls the server callback function logged for this event, the server

callback function produces an entry describing the event in at least one event queue,

upon the next request from the client event service for event transmission the server

event service reads the entry produced from the event queue and transmits it via the

communication link to the client event service, the client event service takes the

entry received and ascertains and calls the client callback function logged for this

event, and the client callback function executes a defined action for the

corresponding event in the client application.